TEST1- 10TH CLASS MATHS - REAL NUMBERS

(Multiple Choice Questions)

Write the correct option in the given bracket

1. Which of the following is not a real number?

a) 3/4 b) $\sqrt{2}$ c) π d) i (imaginary unit) [ ]

2.Which of the following is a rational number?

a) √5 b) 0.333... c) π d) 1.25416987..... [ ]

3. Euclid Division algorithm : a = bq + r , r = 0 then

a) b is not factor to a b) b is a factor to a

c) a is not factor to b d) a is not factor to a [ ]

4. Which of the following is an irrational number?

a) 0.5 b) 1.414213... c) 2/3 d) 0 [ ]

5. Which of the following is a terminating decimal?

a) 1/3 b) 0.625 c)$\sqrt{2}$ d) 0.333... [ ]

6. The number 0 is:

a) A rational number b) An irrational number

c) A natural number d) Neither rational nor irrational [ ]

7. Rationalising factor of (5 - $\sqrt{7}$)

a) (5 - $\sqrt{7}$) b) (5 + $\sqrt{7}$) c) 0 d)1 [ ]

8. The sum of a rational number and an irrational number is always:

a) Rational b) Irrational c) Integer d) Whole number [ ]

9. Which of the following is a prime number?

a) 1 b) 2 c) 4 d) 6 [ ]

10. $(\sqrt{11} + 3)(\sqrt{11} - 3)$ =

a) 8 b) 22 c) 2 d)0 [ ]

LIVEWORKSHEETS